

June 27, 2005

MEMORANDUM TO: Phillip M. Ray, Acting Branch Chief  
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Division of New Reactor Licensing /RA/  
Office of Nuclear Reactor Regulation

FROM: Leslie Perkins, Project Manager  
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Division of New Reactor Licensing /RA/  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF May 17-19, 2006, PUBLIC MEETING AND WORKSHOP  
ON DRAFT REGULATORY GUIDE (DG-1145), COMBINED LICENSE  
(COL) APPLICATIONS FOR NUCLEAR POWER PLANTS  
(LIGHT WATER REACTOR EDITION)

On May 17-19, 2006, the Nuclear Regulatory Commission (NRC) staff met with approximately **85 combined license (COL) application stakeholders in a public meeting and** workshop to discuss the development of the draft regulatory guide (RG), DG-1145, "Combined License Applications for Nuclear Power Plants (LWR Edition)."

The staff discussed the development of Section C.III.1, "Information Needed For a COL Application Referencing a Certified Design" of the RG. The staff also addressed the Standard Review Plan update process. The staff also discussed specific sections of the RG that have been placed on the NRC web site as work-in-progress documents:

- (1) Section C.I.10, "Steam and Power Conversion;"
- (2) Section C.I.11, "Radioactive Waste Management;"
- (3) Section C.I.13.1, "Organizational Structures;"
- (4) Section C.I.13.2, "Training;"
- (5) Section C.I.13.3, "Emergency Planning;"
- (6) Section C.I.13.4, "Operational Programs;"
- (7) Section C.I.13.6, "Security;"
- (8) Section C.I.16, "Technical Specifications;"
- (9) Sections C.I.17.4 and C.I.17.5, "Quality Assurance;" and
- (10) Section C.I.17.6, "Maintenance Rule."

The staff from the Division of New Reactor Licensing and Office of General Council discussed the environmental portions of the RG. The industry has concerns with the level of finality of an early site permit. During the discussion the industry raised two key issues. One of the issues raised was whether the early site permit application and the combined license application are connected actions under the national environmental policy act (NEPA). The industry believes these actions are connected and that the NRC is not required to prepare a separate

environmental impact statement for issuance of the combined licensed. The other issue that was raised to during the discussion is the information that needs to be included in an environmental report submitted with a combined license application that references an early site permit. The industry believes that only new information that is significant, as determined by the applicant, should be included in its environmental report included with a combined license application. The attorneys from the Office of General Council presented a rationale as to why they should be considered separate major federal actions. The staff has not taken a final position on whether the early site permit application and combined license application are connected actions.

The staff solicited comments and questions throughout the meeting. Questions submitted to the staff on DG-1145 will be posted on the NRC website. It is the staff's intent to develop responses to these questions and compile all the questions received prior to the issuance of DG-1145 for review and comment. The questions will be published in Section C.IV of the draft RG.

### **Breakout Session: Instrumentation and Controls (I&C)**

A breakout session was held to facilitate public comments on the potential update topics for the instrumentation and controls related portions of the Standard Review Plan. For each I&C section the NRC presented topics that had been identified as areas to be considered for potential update. The public was asked to provide comments on additional topics that should also be considered for potential update of each I&C section.

Industry representatives also presented several issues outside the framework of the SRP update agenda about which they want to continue a dialog. These issues include (1) bidirectional communication between computers in different safety channels or between computers in safety channels and non-safety channels, (2) refinement of the cyber security criteria in Regulatory Guide 1.152, Revision 2, "Criteria for Use of Computers in Safety Systems of Nuclear Power Plants," and (3) adjustment of technical specification surveillance based on self-testing or monitoring.

Additional public meetings are planned to discuss sections of DG-1145. Future meeting notices will specify the dates and specific sections of DG-1145 to be presented and discussed.

**/RA/**

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- Attachments:
1. List of Attendees
  2. Agenda
  3. Section C.I.10 Slide Presentation (ML061510540)
  4. Section C.I.10 To Do List Handout (ML061500311)
  5. Section C.I.11 Slide Presentation (ML061510516)
  6. Section C.I.11 To Do List Handout (ML061500221)
  7. Section C.I.13 Slide Presentation (ML061510499)
  8. Section C.I.13, Table 13.3.2 Generic communications (ML061500216)
  9. Section C.I.16 Slide Presentation (ML061510460)
  10. Section C.I.17, Introduction Slides (ML061510427)
  11. Section C.I.17, Slide Presentation on Quality Assurance (ML061510219)
  12. Section C.I.17, Slide Presentation on Maintenance (ML061510197)
  13. Advance Industry Questions for Chapter 17 (ML061510158)
  14. Slides From the I&C Breakout Session (ML061510170)
  15. Handout From the I&C Breakout Session-SRP Priority 1 and 2 update Topic Plan (ML061290073)
  16. I&C Breakout Session- Public Comments (ML061670166)
  17. Public questions and comments from the April DG-1145 Public Workshop (ML061370142)
  18. Question Submitted Prior to the May 17-19 public workshop (ML061600216)

cc: See next page

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cc: See next page

ADAMS ACCESSION: ML061710472

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Distribution for Meeting Summary for May 17-19, 2006 meeting dated

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NMamish



**Meeting to Discuss DG-1145, Combined License (COL) Application for  
Nuclear Power Plants (Light Water Reactor Edition)**

**Wednesday- Friday, May 17 - 19, 2006  
8:30 a.m. to 4:00 p.m.**

**U.S. Nuclear Regulatory Commission, Rockville, MD**

<b>Name</b>	<b>Organization</b>
Richard Frank	AREVA NP
Harold Edward	AREVA NP
Mark Beaumont	Bechtel
Russ Wells	Parallax
Steve Routh	Bechtel
Patrick Gove	Black & Veatch
Eddie R. Grant	NuStart
James Fisicaro	NEI
James Maddox	INPO
Gary W. Curtis	TVA
Peter Esdgrath	P. Esdgrath & Associates
Gary Fader	INPO
Amy Mi Monroe	SCEIG
Andrea Sterdis	Westinghouse
Don Hutchings	Westinghouse
Cal Reid	Bechtel
Alan Beard	GE Nuclear
Robert Sharpe	AREVA
Phil Hammond	AREVA
Julie Keys	Bechtel
Eric Oesterle	NRC
George Stramback	GENE
Daniel Barss	NSIR/DPR
Robert Moody	NSIR/DPR
Aida Rivera	NRR/EQVA
John Traynor	UniStar

Teresa Dunn	ASME NQA Committe/SAIC/DOE
Norma Garcia Santos	NRR/DNRL
Chris Nolan	NRC/DNRL
John Lamb	NRC/EDO
Patricia Campbell	Morgan Lewis
Marshall David	Enercon SVCS Inc
Anne Cottingham	NEI
Adel El-Bassioni	NRR
Kathryn Sutton	Morgan Lewis
Richard Glaviano	Worley Parsons
Ray Burski	Enercon Services
Michael Bennett	Enercon Services
Joseph Colaccino	NRC/NRR
Gary Becker	Souther Nuclear
Vince Williams	NSIR
Doug Huyck	NSIR
Martha Shields	DOE
Teo Amunesone	SNC
Jay Maislon	Enercon Services
Tim Roxey	NSCC
John B. Costello	Dominion
Ray Keith	GE
Bill Gattoni	Burns and Roe
Lane Hay	Bechtel Power
Surendra Tiwari	Burns & Roe
T.V. Sarma	Bechtel
Ted Alexovich	Westinghouse
Mark Paul	Dominion
Dave Fischer	NRC
Roger Pedersen	NRC/NRR
Richard Glaviano	Worley Parson
Regina Borsh	Dominion

Brian Bedford	Burns & Roe
J C dehmel	NRC/NRR/DIRS
Christian Araguas	NRC
Allen Hiser	NRC/NRR/DCI
Chang Li	NRC/NRR
J Stewart Bland	Chesapeake Nuclear Service
Michael Bourgeois	Entergy
Jesse Love	Bechtel
Dan Williamson	Exelon
Guy Cesare	NuStart
Garry Young	Entergy
Peter Hastings	Duke/NuStart
Gary Curtis	TVA
Alan Neslon	NEI
Cal Reid	Bechtel
John Tsao	NRR/DCI
Nanette Gilles	NRC/NRR/DNRL
Steve Frank	MLB
Vince Williams	NSIR
Phil Ray	NRR/DNRL
Tyson Smith	Winston & Strawn
M. Chiramal	NRR/DE
Jerry Wilson	NRR/DNR
John Thorp	NRR/DNRL/NGDB
Hulbert Li	NRR/DE/EICB
Mike Bronson	Bechtel
Charles Hinson	NRC
Jorge Hernandez	NRR/DSS
Ron Young	NRR/DSS
Bill Gattoni	Burns and Roe
Roger Scott	
Michael Bennett	Enercon Services

Cristina Ionescu	Progress Energy
Larry Drbel	Black & Veatch
Al Passwater	NEI
Chris Ken	Exelon
Jo Mihalcik	Constellation/Unistar
Tamara Bloomer	NRC/NRR/AEDS/DCR
Jay Lee	NRC/NRR
Barry Zalcman	NRR/DNRL/NEPB
Andy Kugler	NRR/DNRL/NEPB
Patrick Moulding	NRC/OGC
Marian Zabler	NRC/OGC
Eileen McKenna	NRC/DPR
Bob Weisman	NRC/OGC
Bill Maher	Exelon

### **Instrumentation and Control SRP Update Breakout Session**

**Wednesday May 18, 2006  
9:00 a.m. -12:00 p.m.**

<b>Name</b>	<b>Organization</b>
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Andrea Sterdis	Westinghouse
Jesse Love	Bechtel
George Stromback	Ge Nuclear Energy
Guy Cesare	NuStart Energy
John Granger	Florida Power and Light
Shuji Sugai	Mitsubishi Heavy Industries
Makoto Takashima	Mitsubishi Heavy Industries
J. Bongarra	NRC/NRR/DRIS
Richard Miller	GE
Tom Jenkins	GE

**AGENDA FOR DG-1145 WORKSHOP  
17 May 2006**

- 8:30 a.m.     Introductions / Opening Remarks
- 8:45 a.m.     Standard Review Plan Update Process-S. Koenick
- 9:45 a.m.     Development of Section C.III.1-J. Colaccino
- 10:00 a.m.    Break
- 10:15 a.m.    Draft Section C.I.16, Technical Specifications-J. Thorp
- 12:00 p.m.    Lunch
- 1:00 p.m.     Draft Section C.I.10, Steam and Power Conversion - K. Klump
- 2:15 pm       Break
- 2:30 p.m.     Draft Section C.I.11, Radioactive Waste Management-K. Klump
- 4:00 p.m.     Conclusion

**18 May 2006**

**Commissioner's Conference Room, O-1G16**

- 8:30 a.m.     Introductions / Opening Remarks
- 8:45 a.m.     Draft Sections C.I.13.1, Organizational Structures, C.I.13.2, Training and C.I.13.6, Security-E.Oesterle
- 10:15 a.m.    Break
- 10:30 a.m.    Draft Sections C.I.13.3, Emergency Planning and C.I.13.4.4, Operational Programs-E.Oesterle
- 12:00 p.m.    Lunch
- 1:00 p.m.     Draft Sections C.I.17.4 and C.I.17.5, Quality Assurance - J. Thorp
- 2:15 p.m.     Break
- 2:30 p.m.     Draft Section C.I.17.6, Maintenance Rule-J. Thorp
- 4:00 p.m.     Conclusion

**AGENDA FOR BREAKOUT SESSION  
INSTRUMENTATION AND CONTROLS**

**Room O-13B4**

- 9:00 a.m.     Introductions
- 9:15 a.m.     SRP Update Program Overview -Priorities, Schedules, and Public Interactions
- 9:30 a.m.     Discussion of Priority 1 I&C Sections and Potential Update Topics
- 9:55 a.m.     Break
- 10:05 a.m.    Discussion of Priority 2 I&C Sections and Potential Update Topics
- 11:50 a.m.    Overview of Priority 3 I&C Sections and Potential Update Topics
- 12:00 p.m.    Lunch
- 1:00 p.m.     Continue Discussion (as needed)

**19 May 2006**

- 8:30 a.m.     Introductions / Opening Remarks
- 8:45 a.m.     Discussion of NRC responses to the comments and questions on Sections C.II.3, "Environmental Report" and C.III.3, "Finality of an Environmental Impact Statement Associated with an Early Site Permit"
- 10:00 a.m.    Break
- 10:15 a.m.    Continue discussion on Sections C.II.3 and C.III.3
- 12:00 p.m.    Lunch
- 1:00 p.m.     Follow-up Breakout Sessions (as needed)
- 4:00 p.m.     Conclusion

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Meeting Summary

[Please Call for Pick-Up!!]

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ORIGINATOR: Leslie Perkins (OC12) (301) 415-2375

SECRETARY: K. Podolak (O8G14)

DATE: June 27, 2006

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